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919 855 7124 P.02/02

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 211.

DEC 07 2004 See attached form for additional information.

Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-F-0006

FORM APPROVED
OMB NO. 0579-0036

CUSTOMER NUMBER: 945

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Medical & Vet Entomology Res Lab
1800 Sw, 23rd Drive
Gainesville, FL 32608

Telephone: (352)-374-5931

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reaso such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	0	0	0	0	0
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE

DATE SIGNED

Nov 22/04

APHIS FORM 7023
(AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.
58-F-0009

CUSTOMER NO.
966

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SPACE LIFE SCIENCES LAB SLSL
BLDG M6-1025; STATE ROAD 3 & FIFTH ST
MAIL CODE BIO-3
KENNEDY SPACE CENTER, FL 32899

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

LIFE SCIENCES SUPPORT FACILITY
KENNEDY SPACE CENTER, FL 32899

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10/26/2004

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0001
CUSTOMER NUMBER: 873

FORM APPROVED
OMB NO. 0579-0036

NOV 23 2004
ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Florida State University
Laboratory Animal Resources
101 Biomedical Research Facility
Mail Code 4341
Tallahassee, FL 32306

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquillizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	115	187			302
8. Rabbits	8	8	19		35
9. Non-human Primates					
10. Sheep					
11. Pigs			2		2
12. Other Farm Animals					
13. Other Animals					
Meadow Voles	120	397	55		572
Prarie Voles	440	853	753		2,046

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual res teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inx brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/22/04

NOV 30 2004

See attached form for additional information.

Interagency Report Control No.: 02

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0003
CUSTOMER NUMBER: 859

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

University Of Florida
P.O. Box 115500
Gainesville, FL 32611

Telephone: (352) -392-9271

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	50	81	0	131
5. Cats	13	9	525	0	534
6. Guinea Pigs	0	0	454	0	454
7. Hamsters	0	0	0	0	0
8. Rabbits	0	9	211	186	397
9. Non-human Primates	15	5	149	0	154
10. Sheep	0	26	73	0	99
11. Pigs	0	1	59	0	60
12. Other Farm Animals	0	20	0	0	20
Equine	0	20	0	0	20
Cattle	0	20	0	0	20
13. Other Animals					
Voles	0	0	56	0	56
Singing Mice	0	0	43	0	43
Deer Mice	0	250	0	0	250

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

11/29/04

EG

Facilities under the care of Animal Care Services housing USDA-covered species:

University of Florida
P.O. Box 100006
Campus
Gainesville, FL 32610
(352) 392-2978

- 1. Health Sciences Center (Communicore Bldg., Progress Center Facility, Shands, Medical Science Center, Academic Research Bldg.) – Animal Care Services
1600 SW Archer Road Gainesville, FL – Shands Complexes
1351 Research Drive Alachua, FL – Progress Center**
- 2. 34th Street Farm – Animal Care Services
SW 34th Street Gainesville, FL 32610**
- 3. Animal Research Facility (ARF), including deer paddocks on Mowry Road – Animal Care Services
Bldg 167 Mowry Road, Gainesville, FL 32610**
- 4. McKnight Brain Institute – Animal Care Services
100 S. Newell Drive, Gainesville, FL 32611**
- 5. College of Veterinary Medicine – Metabolic Bldg.
2015 SW 16th Avenue, Gainesville, FL 32610**
- 6. College of Liberal Arts and Sciences – Bartram Hall
Bartram Hall, Newell Drive, Gainesville, FL 32611**
- 7. College of Liberal Arts and Sciences – Psychology Bldg.
Psychology Building, Center Drive, Gainesville, FL 32611**
- 8. Bivens Arm Research Facility on 23rd Street – Animal Care Services
2292 SW 23rd Street Gainesville, FL**
- 9. Bldg. 628, Physiology Barn and Surgical Suite,
Bldg. 459, rooms 137 and 137 A-C – Animal Sciences, Gainesville, FL**
- 10. Dairy Research Unit, Gainesville, FL
13200 NW 59th Drive, Gainesville, FL 32653**
- 11. Paddock 1 and Paddock 7, Gainesville, FL
College of Veterinary Medicine, 2015 SW 16th Avenue, Gainesville, FL 32611**
- 12. Whitney Marine Lab, St. Augustine, FL
9505 Ocean Shore Boulevard, St. Augustine, FL 32080**
- 13. Food Science and Human Nutrition Building,
Bldg 475 Newell Drive, Gainesville, FL 32611-0370**

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 58-R-0003

2. Number 129 of animals used in this study.

3. Species (common name) Rabbits of animals used in the study.

4. Explain the procedure producing pain and/or distress.

Title: D277; Determination of efficacy of smallpox vaccine LC16m8 in the Rabbitpox-rabbit model.

Procedure: Please see attached.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Please see attached.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency _____ CFR _____

4. Explanation of procedure:

New Zealand White rabbits are being utilized as animal models for these infections. This project characterizes the genes required for the systemic disease caused by rabbitpox. Rabbitpox is lethal to rabbits, while vaccinia, which is over 95% identical at the gene level to rabbitpox, causes only a local lesion and is used as a vaccine. The goal of this experiment is to identify the genes required for the systemic infection of rabbitpox in order to have potential targets for antiviral therapies in the treatment of other human pathogenic poxviruses such as smallpox and monkeypox. Since the differences in pathogenesis cannot be seen in cell culture the use of animal models is necessary.

The first part of this work (experiment #1) examines the dosage and verifies the differences in disease caused by vaccinia and rabbitpox virus in rabbits. Specifically, the project re-determines the dose of rabbitpox virus that causes systemic disease and verifies that comparable or higher doses of vaccinia virus do not cause systemic disease. The critical part of experiment #1 will be to determine whether rabbits infected with mixtures of vaccinia and rabbitpox viruses develop systemic disease, with accompanying secondary lesions typical of rabbitpox. This last experiment mimics the clinical situation in which humans are vaccinated after exposure to smallpox. These results help determine effective vaccine regimens. The experiments require minimum manual restraint of the rabbits, shaving of both hind flanks and the intradermal inoculation of 100ul buffer containing the corresponding plaque forming units of virus, either alone or as a mixture. Following infection, animals are routinely monitored two times a day (early morning and late afternoon), until or unless symptoms of disease develop. Upon onset of symptoms, the animals are closely observed four times a day (early morning, mid-day, late afternoon and late evening) for signs of severe disease (as indicated by decreased respiratory rates, dyspnea, open-mouth breathing, severe lung sounds, temperature equal to or exceeding 106°F, anorexia (not to exceed four days), dehydration, and/or morbidity). At this point the animals are euthanized according to the AVMA Panel on Euthanasia. A set of criteria for scoring the level of disease in the animals has been created. Upon euthanasia, the animals undergo necropsy to examine the spread of the virus to secondary sites and for the isolation of viruses for further characterization.

The dominance of rabbitpox virulence upon infections with mixtures of vaccinia and rabbitpox viruses provides a system for the identification of the rabbitpox virus genes, which particularly dispose the virus to cause systemic disease in rabbits. Identification of such genes provides the possibility of developing antiviral drugs and immunological reagents against these specific virulence determinants.

Experiment #2 is designed to infect rabbits with mixtures of recombinant vaccinia and rabbitpox viruses in order to identify rabbitpox virus genes associated with

systemic disease. Recombinant viruses from cell culture are isolated and then used to infect rabbits. The recombinants capable of causing systemic disease can then be isolated from the secondary lesions typical of systemic disease. In the event virulence of rabbitpox virus in mixed infections of vaccinia and rabbitpox viruses is *not* dominant, and is attenuated during mixed infections, then specifically engineered vaccinia virus containing segments of rabbitpox virus will be constructed, purified and assayed in rabbits for increased systemic disease. The experiment requires minimum manual restraint of the rabbits, shaving of both hind flanks, and the intradermal inoculation at up to five sites on the flanks of 100ul buffer containing the recombinant viruses. Following infection, animals are routinely monitored two times a day (early morning and late afternoon), until or unless symptoms of disease develop. Upon onset of symptoms, the animals are closely observed four times a day (early morning, mid-day, late afternoon and late evening) for signs of severe disease (as indicated by decreased respiratory rates, dyspnea, open-mouth breathing, severe lung sounds, temperature equal to or exceeding 106°F, anorexia (not to exceed four days), dehydration, and/or morbidity). At this point the animals are euthanized according to the AVMA Panel on Euthanasia. Upon euthanasia the animals undergo necropsy to examine the spread of the virus to secondary sites and for the isolation of viruses for further characterization.

Experiment #3 represents an alternative method for identification of rabbitpox virus, which predisposes the virus to virulence. The third set of experiments is to replace the identified gene segments of rabbitpox responsible for virulence with the corresponding genes in vaccinia and assay for attenuation after the injection of the recombinant viruses into rabbits. Attenuation of this engineered rabbitpox virus strain is recognized by the appearance of a local lesion with no accompanying systemic disease. Following infection, animals are routinely monitored two times a day (early morning and late afternoon), until or unless symptoms of disease develop. Upon onset of symptoms, the animals are closely observed four times a day (early morning, mid-day, late afternoon and late evening) for signs of severe disease (as indicated by decreased respiratory rates, dyspnea, open-mouth breathing, severe lung sounds, temperature equal to or exceeding 106°F, anorexia (not to exceed four days), dehydration, and/or morbidity). At this point, the animals are euthanized according to the AVMA Panel on Euthanasia. Upon euthanasia the animals undergo necropsy to examine the spread of the virus to secondary sites and for the isolation of viruses for further characterization.

5. Justification:

Analgesics are not indicated in these studies because their effects on the inflammatory and immune responses hinder the distinctions observed in the two viral diseases. It is critical that the rabbitpox and vaccinia viral diseases be distinguishable. For the screening of recombinant viruses it is also critical for the disease pathways to be uninhibited for the detection of virulent viruses.

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 58-R-0003

2. Number 57 of animals used in this study.

3. Species (common name) Rabbits of animals used in the study.

4. Explain the procedure producing pain and/or distress.

Title: D290; Gene regulation of mammalian DNA viruses.

Procedure: Please see attached.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Please see attached.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency _____ CFR _____

Protocol # D290, Rabbits

4. Explanation of procedure:

New Zealand White rabbits are being utilized as animal models in the study. This is an experiment to determine efficacy of the smallpox vaccine LC16m8 against rabbitpox.

Proposed experiments in rabbits:

1. Determining the lethal dose of rabbitpox in rabbits.
2. Determining efficacy of the smallpox vaccine LC16m8 against rabbitpox in rabbits.

Experiment 1 determines the dosage of rabbitpox required to lethally infect rabbits. This requires manually restraining the rabbits and infecting them with rabbitpox by intradermal injection. The site of inoculation will be a shaved region of each hind flank. Following infection, animals will be routinely monitored two times a day (early morning and late afternoon) until symptoms of disease develop. Upon onset of symptoms (see criteria below), the animals are closely monitored four times per day for signs of severe disease (as indicated by decreased respiratory rates of 25 bpm or less, difficulty breathing, open-mouth breathing, severe lung sounds, temperature equal to or exceeding 106°F, loss of appetite [not to exceed four days], and dehydration) at which point the animals are humanely euthanized.

A set of criteria for scoring the level of disease in the animals has been created to determine the time when the project shifts monitoring from 2 to 4 times a day and to determine when euthanasia is performed.

Experiment 2 determines the efficacy of LC16m8 against lethal rabbitpox challenge in rabbits. Dryvax and placebo are also being tested as positive and negative controls, respectively. This requires vaccinating the rabbits and then subjecting them to challenge by infecting them with rabbitpox. Briefly, the rabbits are vaccinated by scarification and are challenged with rabbitpox intradermally at day 28. Challenge is being done at day 28 since it is the average time at which neutralizing antibodies are at peak titers in response to a vaccine.

Considering that this is the first time that vaccinia-based vaccines are being tested for their abilities to neutralize rabbitpox, it is necessary that a range of concentrations of challenge rabbitpox be used in the study. This circumvents the possibility that could occur if we only used one concentration of challenge rabbitpox, where the chosen concentration simply overwhelms even an efficacious vaccine. Therefore, the vaccine-challenge study is done using the two lowest lethal concentrations of rabbitpox (referred to as "lowest lethal pfu" and "second lowest lethal pfu," respectively) as determined in Experiment 1.

As detailed above, the animals are closely observed, up to four times a day, using the guidelines outlined in the first experiment above, for signs of severe disease (as indicated by decreased respiratory rates of 25 bpm or less, difficulty breathing, open-mouth breathing, severe lung sounds, temperature equal to or exceeding 106°F, loss of appetite (not to exceed four days), and dehydration, at which point the animals are humanely euthanized.

For endpoint analyses, blood is drawn from vaccinated rabbits at baseline, day 14 and 28 (pre-challenge) to measure neutralizing antibodies against rabbitpox *in vitro*. Also, internal organs are excised from a specific number of rabbits from each vaccine arm at day 38 (i.e., 10 days post-challenge, last day of the experiment) to determine the influence of vaccination on challenge rabbitpox titer in these organs.

5. Justification:

Rabbitpox is a lethal infection in rabbits. The rabbits will be vaccinated with LC16m8, Dryvax, or placebo. They are then injected/scarified with rabbitpox to determine whether vaccination protects the rabbits against a lethal rabbitpox infection. Therefore, providing these animals with any other form of anesthesia, analgesia or treatment will not be appropriate. It is necessary for the project to determine whether the animals develop severe symptoms, as that is the only way to tell whether the vaccine treatment is working. Presumably, if they “don’t” develop severe symptoms, the vaccine is working as expected.

NOV 15 2004

See attached form for additional information.

Interagency Report Control No. *SP*

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0005
CUSTOMER NUMBER: 871

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Mount Sinai Medical Center
Mount Sinai Medical Center
4300 Alton Rd.
Miami Beach, FL 33140

Telephone: (305) -674-2790

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Harry Pearlman Biomedical Research Institute
FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	---	---	---	---	---
5. Cats	---	---	---	---	---
6. Guinea Pigs	---	---	---	---	---
7. Hamsters	---	---	---	---	---
8. Rabbits	---	---	48	---	48
9. Non-human Primates	---	---	---	---	---
10. Sheep	---	---	136	---	136
11. Pigs	5	---	115	---	115
12. Other Farm Animals	---	---	---	---	---
13. Other Animals	---	---	---	---	---

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

11/8/04

012

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	1. CERTIFICATE NUMBER: 58-R-0007 CUSTOMER NUMBER: 872	FORM APPROVED OMB NO. 0579-0036 <div style="text-align: right; font-size: 1.2em;">DEC 01 2004</div>
2. University of Miami University of Miami School of Medicine (R64) PO Box 016960 Miami, FL 33101		
3. Reporting Facility (List all locations where animals were housed or used in actual research, testing, or held for these purposes. Attach additional sheets (if necessary))		

FACILITY LOCATIONS (Sites) – See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiment, or tests were conducted involving no pain, distress or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			43		43
5. Cats		5	8		13
6. Guinea Pigs			39		39
7. Hamsters		2		2	4
8. Rabbits		20	244	1	265
9. Non-human Primates	99	59	35		94
10. Sheep					
11. Pigs		38	844		882
12. Other Farm Animals					
13. Other Animals					
Wild Lizards		109			109
Wild Birds			91		91
Wild Fish		1,016	245		1,261

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)**

	NAME & TITLE OF HEADQUARTERS RESEARCH FACILITY OFFICIAL (Type or Print)	DATE SIGNED
		11/30/04

EG

ATTACHMENT 1 – Facility Locations

University of Miami animal housing facilities:

Contact person for all facilities:

Rosentstiel Medical Science Building

1600 NW 10 Avenue
Miami, FL 33136

R. Bunn Gautier Building

1011 NW 15 Street
Miami, FL 33136

Diabetes Research Institute (DRI)

1450 NW 10 Avenue
Miami, FL 33136

Parkinson Foundation Building

1501 NW 9 Avenue
Miami, FL 33136

Bascom Palmer Eye Institute (BPEI)

900 NW 17 Street
Miami, FL 33136

Rosenstiel School of Marine & Atmospheric Science (RSMAS)

4600 Rickenbacker Causeway
Key Biscayne, FL 33149-1098

South Campus

12500 SW 152 ST
Miami, FL 33177

Perrine Primate Center

15657 SW 127 Avenue
Perrine, FL 33177

Behavioral Medicine Research Building

Department of Psychology
1251 Stanford Drive
Coral Gables, FL 33146

Cox Science Bldg. (182)

1301 Memorial Drive
Coral Gables, FL 33124

Lois Pope Life Center (LPLC)

1095 NW 14th Terrace
Miami, FL 33136

Batchelor Children's Research Institute (BCRI)

1580 NW 10 Avenue
Miami, FL 33136

Mannheimer Foundation, Inc. (Satellite Facility)

20255 S.W. 360th Street
Homestead, Florida 33034-4102

ATTACHMENT 2

PROTOCOLS REQUIRING SPECIAL EXEMPTION FROM RECOMMENDED POLICIES OR GUIDELINES

IACUC reviewed, discussed and approved the following exemptions from USDA Policy.

1. Protocol #01-078 – Granted an exemption for not using analgesia in Hamsters and Rabbits for antibody production with Freund's adjuvant. The IACUC reviewed, discussed and approved the exemption from USDA Policy.
2. Protocol #01-173 – Exemption granted for Non Human Primates (NHPs) for IV injection and subsequent hydration for 2-12 hours. Animals are observed continuously and provided additional environmental enrichment while restrained.
3. Protocol #02-241 – Exemption granted for pig restraint by sling for a total of 5 hours. Animals are observed continuously while restrained.
4. Protocols #02-257, 03-130 and 03-131 – Exemption granted for restraining board restraint for NHPs for 1 hour for IVGTT and 2-12 hours for STZ injections or critical care as needed. Animals are observed continuously and provided additional environmental enrichment while restrained.
5. Protocol #03-069 - Granted an exemption for not using analgesia in Rabbits for antibody production with Freund's adjuvant. The IACUC reviewed, discussed and approved the exemption from USDA Policy.
6. Protocol #03-222 – Exemption granted for Multiple Survival Surgery and for unrelieved social stress.
7. Protocol #04-127 – Exemption granted for rabbit antibody production with Freund's adjuvant. The IACUC reviewed, discussed and approved the exemption for USDA Policy.
8. Protocol #04-171 – Exemption granted for streptozotocin injection: the animal will be placed on the restraining board, injected with STZ and dehydration for 2 hours post injection. The animal will be placed in a cage, and 8-14 hours after the injection – when hypoglycemia occurs-the monkey will be placed on the restraining board for an additional 2-12 hours to administer glucose and maintain normoglycemia. Metabolic challenges: (glucose, arginine, glucagons) the monkey will be sedated with ketamine, placed on restraining board and maintained there for up to 1-2 hours to collect samples. Thymoglobulin fludarabine administration: The first dose of thymoglobulin is administered over a 4 hour period, the 2nd over a 3 hour period and subsequent doses over a 2 hour period. Each antibody is considered in the context of known side effects of administration (or lack thereof). Mabs are given over a time period up to 1 hour that prevents documented side effects in NHP or humans. Animals are observed continuously and provided additional environmental enrichment while restrained.
9. IACUC Committee approved an exemption to individually house a rhesus monkey with individually housed cynomolgus monkeys. Common infectious agents have been ruled out and compatibility has been established.

10. Exemptions for MULTIPLE SURVIVAL SURGERY PROCEDURES were reviewed, discussed and approved by the IACUC for the following protocols involving a PIG model of skin injury.

01-011-ENTITLED: To examine the effect of various topical agents on incisional wounds in a porcine model

01-012: ENTITLED: A wound healing model to examine the effect of various agents on skin graft take and wound healing

01-102: ENTITLED: An animal model to examine the effect of various topical agents, dressings

01-102resub10, 01-102resub11: ENTITLED: An animal model to examine the effects of various topical agents, dressing and/or devices on second degree burn wound healing

01-103: ENTITLED: An animal model to examine the effect of various topical agents, dressing

01-103resub13, 01-103resub14: ENTITLED: An animal model to examine the effect of various topical agents, dressings and/or devices on partial thickness wound healing

01-124: ENTITLED: An animal model to study various topical agents, dressings and/or devices on partial thickness wound infections

01-124resub20: ENTITLED: Evaluation of an antimicrobial dressing on the proliferation of pseudomonas aeruginosa in a partial thickness wound model

01-124resub21: ENTITLED: Evaluation of an antimicrobial dressing on the proliferation of Staphylococcus aureus in a partial thickness wound model

01-124resub22, 01-124resub23, 01-124resub24: ENTITLED: An animal model to study

01-213: ENTITLED: Photosensitive PEG-heparin Hydrogels in Wound Healing

02-001: ENTITLED: A New Model of Pediatric Stroke in Infant Piglets

02-170: ENTITLED: Development of a lymphedema-Wound Healing Model in Pigs

02-249: ENTITLED: An animal model to study various topical agents, dressings, and/or devices on bacterial biofilms on partial thickness wound infections

02-249resub05: ENTITLED: Staphylococcus aureus biofilms in atopic dermatitis?

02-249resub06: ENTITLED: Evaluation of an antimicrobial dressing on the proliferation of pseudomonas aeruginosa in a partial thickness wound model

02-249resub06: ENTITLED: Evaluation of an antimicrobial dressing on the proliferation of staphylococcus aureus in a partial thickness wound model

02-249resub07: ENTITLED: An animal model to study various topical agents, dressing, and/or devices on bacterial biofilms on partial thickness wound infection

03-047: ENTITLED: An animal model to examine the effect of various topical agents, dressing and/or devices on scar formation in deep partial thickness wounds

03-086 ENTITLED: Laser Resurfacing: study to examine the effect of different test agents on laser resurfacing healing

03-162 ENTITLED: An animal model to study various topical agents, dressing and/or devices on second-degree burn wound infections.

03-162resub01, 03-162resub02: ENTITLED: An animal model to study various topical agents, dressing and/or devices on second-degree burn wound infections.

04-038: ENTITLED: An Animal study to determine the effects of various topical treatments and/or dressings on full thickness wounds in a porcine model

04-038resub01: ENTITLED: An Animal model to determine the effects of various topical treatments and/or dressing on full thickness wounds in a porcine model

04-039: ENTITLED: A porcine model to study the effect of various topical wound healing and/or antimicrobial agents on deep partial thickness wounds

04-080 (01-102): ENTITLED: An animal model to study the effects of various topical agents, dressings and/or devices on second degree burn wound healing

04-081 (01-103) ENTITLED: An animal model to examine the effects of various topical agent, dressings, and/or devices on partial thickness wound healing

04-089: ENTITLED: To Determine the effects of Ischemia, Hypoxia, and Microbes on Wound Healing using a porcine model

04-101: ENTITLED: Carotid aneurysm model

04-116 (01-124): ENTITLED: An Animal model to study various topical agents, dressing and/or devices on partial thickness wound infections

11. Exemptions for MULTIPLE SURVIVAL SURGERY PROCEDURES were reviewed, discussed and approved by the IACUC for the following protocols involving Canine models

01-110: ENTITLED: Studies of the Graft promoting, tolerogenic potential of donor cells and/or antigens administered in conjunction with novel immunomodulatory drugs in a canine islet transplant model: Effect of transplant site, donor cell composition, and timing...

02-089: ENTITLED: A novel Artificial Spincter for the Control of Urinary Incontinence

02-264: ENTITLED: Microfabricated delivery/repositioning system for stents

03-019: ENTITLED: Evaluation of new coil designs in canine

04-049: ENTITLED: Bioengineering of a Stent-Graft for Gene Therapy

04-101: ENTITLED: Carotid aneurysm model

04-137: ENTITLED: Alternatives Sites for Islet Implantation in Dogs

12. Exemptions for MULTIPLE SURVIVAL SURGERY PROCEDURES were reviewed, discussed and approved by the IACUC for the following protocols involving Non Human Primate Models

01-061: ENTITLED: Transplantation of porcine transgenic OEG after primate spinal cord injury

01-173: ENTITLED: Multifaceted approaches to the induction of tolerance to allogeneic and xenogeneic pancreatic islets in non-human primates: Incorporation of novel immunointervention agents, administration of donor antigen and encapsulation technology

02-107: ENTITLED: A Breeding Center for Specific Pathogen Free Macaques (*Macaca mulatto*)

02-257: ENTITLED: Targeted radiotherapy with a bone-seeking radioisotop compound (¹⁵³ samarium-lexidronam) to establish hematopoietic chimerism and tolerance in non-human primate islet allograft recipients

03-067: ENTITLED: Autologous transplantation of olfactory ensheathing glia into the primate cervical spinal cord

03-130: ENTITLED: Use of an implantable device for xenogeneic pancreatic islet cotransplants with immunoprotective sertoli cells in non-human primates

03-131: ENTITLED: Gene modification of pancreatic islets for enhancement of post-transplant survival in non-human primates.

03-158: ENTITLED: Transplantation of Bone Marrow Stromal Cell after Primate Spinal Cord Injury

04-171: ENTITLED: Pancreatic Islet Transplantation in Non Human Primates: Multifaceted Approaches to the Induction of Tolerance Enhancement of Engraftment

13. Exemptions for MULTIPLE SURVIVAL SURGERY PROCEDURES were reviewed, discussed and approved by the IACUC for the following protocols involving Rabbit models

00-127: ENTITLED: Ex-Vivo expansion of limbal epithelial stem cells on amniotic membrane

01-201: ENTITLED: Regulated therapeutic angiogenesis: Preclinical Studies

02-065: ENTITLED: Ex-vivo Expansion of Rabbit Retinal Pigment Epithelial Cells on Rabbit Amniotic Membranes for Autologous Re-Transplantation onto Denuded Bruch's Membrane

02-223: ENTITLED: Stenting and coiling of elastase-induced aneurysms

02-254: ENTITLED: Genetic engineering of vascular prosthetic grafts to prevent restenosis

03-039: ENTITLED: In vivo evaluation of an embolic containment system in a rabbit, elastase-induced

03-108: ENTITLED: Preliminary investigations of endovascular therapies for the treatment of aneurysms

03-151: ENTITLED: Stent-assisted coiling of elastase induced carotid aneurysms in rabbits using a new self-expanding helical stent design

03-180: ENTITLED: Fibered and no-fibered platinum coils for the treatment of elastase-induced carotid aneurysms in rabbits-Evaluation of stroke

03-188: ENTITLED: Ex-vivo Expansion of Limbal Epithelial Stem Cells on Amniotic Membrane
03-214: ENTITLED: Stenting and Coiling of Elastase-Induced Aneurysms
03-222: ENTITLED: Biobehavioral Base of CHD Risk and Management (Program Project) Project 3: Environment, CNS and Atherosclerosis in WHHL Rabbits
04-002: ENTITLED: Baseline Ultrasound and MRI Imaging of Periocular Anecortavd Acetate Drug Administration in Rabbit Eyes
04-020: ENTITLED: Flow Divertors to Cure Cerebral Aneurysms
04-040 ENTITLED: Development of a Lymphedema Wound Healing Model in Rabbits
04-105 ENTITLED: Preliminary investigations of endovascular therapies for the treatment of aneurysms
04-149 ENTITLED: Coiling of elastase-induced carotid aneurysms in rabbits using a new bioactive coil design
04-190 ENTITLED: Endovascular treatment of elastase-induced carotid aneurysms in rabbits using a new liquid embolic agent

14. Exemptions for MULTIPLE SURVIVAL SURGERY PROCEDURES were reviewed, discussed and approved by the IACUC for the following protocols involving cat models

02-134: ENTITLED: Laser trabeculoplasty using Titanium Sapphire and Alexandrite vs Argon lasers
03-046: ENTITLED: Continuous intraocular pressure sensing system

15. Exemptions for MULTIPLE SURVIVAL SURGERY PROCEDURES were reviewed, discussed and approved by the IACUC for the following protocols involving guinea pig models

02-222: ENTITLED: Neural receptor enhancement project

16. Exemptions for MULTIPLE SURVIVAL SURGERY PROCEDURES were reviewed, discussed and approved by the IACUC for the following protocols involving goat models

03-082: ENTITLED: Vena cava filter study

Optional Column E Explanation Form

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 58-R-0007
2. Number of animals used in this study. 2
3. Species (common name) of animals used in this study. Hamster
4. Explain the procedure producing pain and/or distress.

Production of polyclonal antibodies using Freund's Complete Adjuvant- no pain relief.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)

Analgesia was withheld because the use of analgesics and antiinflammatory agents could blunt the antibody response to the injected antigen. The unrelieved distress/pain is justified by the need to maximize the immune response to the new antigen.

6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102): *none.*

Agency _____ CFR _____

Optional Column E Explanation Form

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 58-R-0007
2. Number of animals used in this study. 1
3. Species (common name) of animals used in this study. Rabbit
4. Explain the procedure producing pain and/or distress.

Production of polyclonal antibodies using Freund's Complete Adjuvant- no pain relief.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)

Analgesia was withheld because the use of analgesics and antiinflammatory agents could blunt the antibody response to the injected antigen. The unrelieved distress/pain is justified by the need to maximize the immune response to the new antigen.

6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102): *none.*

Agency _____ CFR _____

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.
58-R-0012

CUSTOMER NO.
874

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

FAMU COLLEGE OF PHARMACY
201 DYSON PHARMACY BLDG
TALLAHASSEE, FL 32307-3800

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

FLORIDA A&M UNIVERSITY
TALLAHASSEE, FL 32307-3800

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		16			16
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		12/06/2004

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0015
CUSTOMER NUMBER: 930

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

University Of South Florida
12901 Bruce B. Downs Blvd.
Mdc 20
Tampa, FL 33612

NOV 26 2004

Telephone: (813)-~~874-3843~~ 979-6743

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			4		4
5. Cats			16		16
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			25	8	33
9. Non-human Primates			2	7	9
10. Sheep					
11. Pigs			142		142
12. Other Farm Animals					
Goats			12		12
13. Other Animals					
Ferrets			6		6

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11-17-04

(Handwritten signature)

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 58-R-0015
2. Number 7 of animals used in this study.
3. Species (common name) Nonhuman primate of animals used in the study.
4. Explain the procedure producing pain and/or distress.

These animals are pre-diabetic models which predisposes them to a high likelihood of the development of cardiovascular conditions, such as atherosclerosis, and other co-morbidities, such as neuropathy, blindness, dermatitis, and urinary tract infections, which have the potential to produce pain, discomfort, or distress.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

The natural aging process and development of diabetic-related conditions and associated pathologies can potentially produce pain, discomfort, or distress. Veterinarians are always consulted when pain, discomfort, or distress is recognized. All pathological processes associated with the aging and pre-diabetic condition are evaluated and those that are amenable to current veterinary medical care standards are promptly placed on appropriate pharmacological therapies.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency _____ CFR _____

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 58-R-0015

2. Number 8 of animals used in this study.

3. Species (common name) Rabbits of animals used in the study.

4. Explain the procedure producing pain and/or distress.

Antibody production may produce local inflammation in animals administered emulsions containing Complete Freund's Adjuvant and can potentially produce pain, discomfort, or distress.

Veterinarians are always consulted when pain, discomfort, or distress is recognized and analgesics prescribed where indicated.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Antibody production can potentially produce pain, discomfort, or distress associated with the development of sterile granuloma(s) at the immunization sites. This cannot be reliably anticipated. Pain induced by these processes is treated in accordance with current veterinary medical care standards; i.e. local/systemic treatment; analgesics.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency _____ CFR _____

NOV 22 2004

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0016
CUSTOMER NUMBER: 875

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

University Of Central Florida
12443 Research Parkway
Suite 207
Orlando, FL 32826

Telephone: (407) -823-3778

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/5/04

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0020
CUSTOMER NUMBER: 8216

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Florida Institute Of Technology
150 W. University Blvd.
Melbourne, FL 32901

Telephone: (321) -674-8960

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				We have not had any animals reportable to APHIS in the past year. We have used only mice, rats, snakes and fish.	

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual res teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

11/29/09

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.
58-R-0021

CUSTOMER NO.
868

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

THE MANNHEIMER FOUNDATION INC
20255 SW 360 ST.
HOMESTEAD, FL 33034

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

MANNHEIMER FOUNDATION, INC.
HOMESTEAD, FL 33034

MANNHEIMER FOUNDATION INC
HOMESTEAD, FL 33034

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates	820		220	17	237
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/09/2004

APHIS FORM 7023
(AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete)

PART 1 - HEADQUARTERS

Qan

APHIS Form 7023 Column E Explanation

This form is intended as an aid to completing the APHIS Form 7023 Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 58-R-0021

2/3. Species (common name) & Number of animals used in this study:

Non-Human Primates (17)

4. Explain the procedure producing pain and/or distress.

The (17) Non-Human Primates have been physically restrained and an orogastric or nasogastric tube placed in order to be medicated. These two procedures do not cause pain, so pain management is not indicated.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Induction of chemical restraint with Ketamine or similar class of drugs, may interfere with the distribution or pharmacokinetics of the compounds used in these pharmacology studies.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency: N/A

CFR:

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0023

FORM APPROVED
OMB NO. 0579-0036

CUSTOMER NUMBER: 914

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

St. Petersburg Junior College
7200 66th St North
Pinellas Park, FL 33781

OCT 18 2004

Telephone: (727) -341-3652

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			46		46
5. Cats			41		41
6. Guinea Pigs			0		0
7. Hamsters			0		0
8. Rabbits			0		0
9. Non-human Primates			0		0
10. Sheep		3			3
11. Pigs		5			5
12. Other Farm Animals	Horses	6			6
	Cattle	3			3
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Locally Responsible Institutional Official)

DATE SIGNED

10/15/04

NOV 29 2004

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0035

FORM APPROVED
OMB No. 0579-0036

CUSTOMER NUMBER: 908

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Florida Atlantic University
777 Glades Road
P.O. Box 3091
Boca Raton, FL 33431
Telephone: (561) -367-2310

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected tire procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached fo this report).	F. TOTAL NUMBER OF ANIMAL (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pig	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	20	0	20
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
	0	0	0	0	0
13. Other Animals	0	0	0	0	0
	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE

DATE SIGNED

11/24/04

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0037

CUSTOMER NUMBER: 8218

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

NOV 18 2004
Rumbaugh-Goodwin Institute For Cancer Research
Goodwin Institute For Cancer Research
1850 N.W. 69th Avenue
Plantation, FL 33313

Telephone: *(305) 537-9020* *954-587-9020* ✓

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0				
5. Cats	0				
6. Guinea Pigs	0				
7. Hamsters	0				
8. Rabbits	0				
9. Non-human Primates	0				
10. Sheep	0				
11. Pigs	0				
12. Other Farm Animals	0				
13. Other Animals					
				0	

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

11-11-04

NOV 15 2004

See attached form for additional information.

Interagency Report Control No. *g*

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0045
CUSTOMER NUMBER: 867

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Dolphin Research Center
58901 Overseas Hwy
Grassy Key, FL 33050

Telephone: (305)-289-0002

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Atlantic Bottlenose Dolphins		16			16
California Sea Lions		2			2

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/3/04

OCT 9 2004

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0058
CUSTOMER NUMBER: 8215

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Bild Animal Hospital
2500 Nw 79th St.
Miami, FL 33147

Telephone: (305) -691-5511

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report.	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0				
6. Guinea Pigs	0				
7. Hamsters	0				
8. Rabbits	0				
9. Non-human Primates	0				
10. Sheep	0				
11. Pigs	0				
12. Other Farm Animals	0				
13. Other Animals	0				

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

9-29-04

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.
58-R-0103

CUSTOMER NO.
8214

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SCHOOL OF NAT & HEALTH SCIENCE
11300 NE SECOND AVE
MIAMI SHORES, FL 33161
(305) 899-3200

3. **REPORTING FACILITY** (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

Barry University 238
Wiegand Building, Books 239
14300 NE 2nd Avenue
Miami Sports, FL 33161

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED _____

11/24/04
HEADQUARTERS

NOV 30 2004

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0109
CUSTOMER NUMBER: 850

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Miami Children'S Hospital
George E Batchelor Research And Academic Pavilion
3196 Sw 62nd Ave
Miami, FL 33155

Telephone: (305) -663-8596

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reser such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs			5		5
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

SIGNATURE

APHIS FORM
(AUG 91)

DATE SIGNED

11/29/04

Attachment 3. Reporting Facility

Miami Children's Hospital
George E. Batchelor Research and Academic Pavilion
3196 S.W. 62nd Avenue
Miami, FL 33155

1 Sept 03 - 150803

007

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21:

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	1. CERTIFICATE NUMBER: 58-R-0118 CUSTOMER NUMBER: 976	FORM APPROVED OMB NO. 0579-0038
	Toxin Technology, Inc. 7165 Curtiss Ave. Sarasota, FL 34231 Telephone: (941) -925-2032	

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					- 0 -
5. Cats					- 0 -
6. Guinea Pigs					- 0 -
7. Hamsters					- 0 -
8. Rabbits					- 0 -
9. Non-human Primates					- 0 -
10. Sheep					- 0 -
11. Pigs					- 0 -
12. Other Farm Animals					- 0 -
					- 0 -
13. Other Animals					- 0 -

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rest teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

11/26/03

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0120
CUSTOMER NUMBER: 1000

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Orhs Health Sciences Center
Orhs Health Research Institute
110 Bonnie Loch Court
Orlando, FL 32806

SEP 27 2004

Telephone: (407) -426-9794

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

9/23/04

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0121
CUSTOMER NUMBER: 1663

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Dumond Conservancy For Primates & Tropical
P O Box 246
Miami, FL 33170

Telephone: (305) -238-9981

NOV 29 2004

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

14755 / 14805 SW 216 St
MIAMI FL 33170 County DAD

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals or for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquiliz- ing drugs would have adversely affected the procedures, res- ults or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates	8	64	0	0	64
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE

DATE SIGNED
NOV 25,
2004

NOV 23 2004

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0126
CUSTOMER NUMBER: 1796

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Brevard Community College
1519 Clearlake Road
Cocoa, FL 32922

Telephone: (321) -632-1111

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		28	29 } Dental		57
5. Cats		16	17 } neutered		33
6. Guinea Pigs		5			5
7. Hamsters		3			3
8. Rabbits		6			6
9. Non-human Primates					
10. Sheep		4			4
11. Pigs		5			5
12. Other Farm Animals		4			4
Bovine		4			4
Caprine					
13. Other Animals					
Ferrets		2			2
Mice		8			8

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

11-16-04

Addendum to APHIS Form #7023
2003/04

Reporting facility (List all locations where animals were housed or used in research, testing, or experimentation, or held for these purposes*).

*Animals at Brevard Community College are utilized for TEACHING purposes only at the following locations:

Brevard Community College:

❖ **Cocoa Campus**

Veterinary Technology Building #21

Fine Arts Building #4 Various classrooms

Institute for Community Education/BCC Lab School

❖ **Titusville Campus**

Fine Arts Building – various classrooms

Science Bldg

❖ **Melbourne Campus**

Criminal Justice Building #8

❖ **Palm Bay**

Science Bldg #1

Brevard County Sheriffs Ranch

Alternative Sentencing Farm

Cocoa, FL

Central Brevard Humane Society

1020 Cox Rd.

Cocoa, FL

Cadavers and preserved specimens utilized for teaching purposes in the Veterinary Technology program @ Brevard Community College, Cocoa campus:

❖ **Preserved cadavers from Carolina Biological Supply:**

5 canines

7 felines

❖ **Donated cadavers from the local humane society:**

9 felines

3 canines

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0127
CUSTOMER NUMBER: 8985

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Everglades Wildlife Sanctuary
P O Box 2326
La Belle, FL 33935

Telephone: (863) -612-4477 625-0991

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquil drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Bears		2			2

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10/30/04

<p>UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE</p> <p>ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)</p>	<p>1. CERTIFICATE NUMBER: 58-R-0128 CUSTOMER NUMBER: 9738</p>	<p>FORM APPROVED OMB NO. 0579-0036</p>
<p>Lemur Conservation Foundation Po Box 249/42500 73rd Ave E Myakka City, FL 34251</p> <p>Telephone: (941) -322-8494</p> <p style="text-align: right; font-weight: bold;">OCT 04 2004</p>		

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Myakka City Lemur Reserve
Myakka City, FL

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	24	0	0	24
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). **A summary of all such exceptions is attached to this annual report.** In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

8/14/04

NOV 30 2004

This report is required by law (7 USC 2143) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

Set reverse side for additional information

Interagency Report Control No
0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

58-B-0130

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA
Include Zip Code)

HARBOR BRANCH OCEANOGRAPHIC
INSTITUTION
5600 US 1 NORTH
FORT PIERCE, FL 34946

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

HARBOR BRANCH OCEANOGRAPHIC
INSTITUTION

FORT PIERCE, FL

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13 Other Animals					0
* Note: THIS INSTITUTION IS NOT CURRENTLY PERFORMING RESEARCH AT THIS LOCATION.					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

DATE SIGNED

29 November
2004

OCT 29 2004

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0131
CUSTOMER NUMBER: 3082

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Lubee Foundation Inc
1309 N.W. 192nd Ave
Gainesville, FL 32609

Telephone: (352) -485-1250

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	N/A				
5. Cats	N/A				
6. Guinea Pigs	N/A				
7. Hamsters	N/A				
8. Rabbits	N/A				
9. Non-human Primates	N/A				
10. Sheep	N/A				
11. Pigs	N/A				
12. Other Farm Animals	N/A				
13. Other Animals					
Bats	287	99	None	None	99
Sugar gliders	4	0	None	None	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

SIGNATURE

DATE SIGNED

11 Oct 04

USDA Annual Report 2003-2004

Date: 1 October 2004

1) Animal Inventory as of Sept. 30, 2004: 267 bats and 4 Sugar gliders

2) Animal deaths 1 Oct 03 – 30 Sept 04: 20 bats
(Animals held, but not used for research)

3) Facility Location:

Lubee Foundation, Inc. 1309 NW 192nd Avenue Gainesville, FL. 32609 *Single Location.*

The following buildings at the facility:

- a) Core Building
- b) Bat Observation Building
- c) Small Bats Building
- d) Quarantine Building

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0132
CUSTOMER NUMBER: 24774

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Everglades Habitat Preservation Inc
P O Box 2326
La Belle, FL 33975

NOV 23 2004

Telephone: (863) ~~642-4477~~ 675-0991 *90*

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reaso such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
<i>CARRY BEAR</i>	<i>2</i>				<i>2</i>
<i>WALLABY</i>	<i>2</i>				<i>2</i>
<i>OSTRICH</i>	<i>3</i>				<i>3</i>
<i>EMU</i>	<i>11</i>				<i>11</i>

ASSURANCE STATEMENTS

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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

10/30/04

FORM APPROVED
OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

[illegible]

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

10/30/04

RT 1 - HEADQUARTERS

NOV 23 2004

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 58-R-0133
CUSTOMER NUMBER: 27166

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Imperial Point Animal Hospital
5141 Ne 17th Ave
Fort Lauderdale, FL 33316

Telephone: (954) -522-2577

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	2	0	6	0	6
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

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DATE SIGNED

11/19/04

FORM APPROVED
OMB NO. 0579-0036

(b)(6), (b)(7)c

FACILITY LOCATIONS (Sites) - See Atached Listing

ASSURANCE STATEMENTS

- (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

DEC 07 2004

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No.
0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

58-V-003

931

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. Include Zip Code)

Department of Veterans Affairs Headquarters
810 Vermont Avenue, NW
Washington, DC 20420

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

VA Medical Center (516)

Bay Pines, FL 33744

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
RATS	0	136	28	0	164

ASSURANCE STATEMENTS

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CERTIFICATION BY HEADQUARTER RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

S _____ (Type or Print)

DATE SIGNED

11-3-04

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

58-V-005

FORM APPROVED
OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Department of Veterans Affairs
810 Vermont Ave. NW
Washington, DC 20420

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

VA Medical Center/546

1201 NW 16th Street
Miami, Florida 33125

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	5	0	0	5
7. Hamsters	0	0	0	0	0
8. Rabbits	0	3	0	0	3
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Rats	100	1,496	306	160	1,962
Mice	557	90	302	28	420
Frogs	0	0	108	0	108

ASSURANCE STATEMENTS

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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11-1

DEC 07 2004

292

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

58-V-0007 949

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

DEPARTMENT OF VETERANS AFFAIRS
810 VERMONT AVENUE, NW
WASHINGTON, DC 20420

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

NORTH FLORIDA/SOUTH GEORGIA
VETERANS HEALTH SYSTEM (573)
1601 SW ARCHER ROAD
GAINESVILLE, FL 32608

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)

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4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	4	0	52	0	52
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	6	0	6
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/12/04

APHIS FOR
(AUG 5,)

(OCT 88), which is obsolete)

PART 1 - HEADQUARTERS